MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

BR 06
24/10/16

M. A. R. 57 (Rule 116) No. C/08
Measurement Book

21753

Serial No. 1st & final.

Name of work construction of Park on Pipeline road from Vijayashree school to Janapriya apartment Hesaraghatta Main Road ward no-14 From ..... To .....

Name of Contractor of nature of Agency ..... Technical Manager KRIDL

Date of commencement of work... NOFF/DD/NO/15/2015-16 Dt:-28/3/2016 Est cost:-50.0 lakhs
Jc:- 014-15-000061

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-1	Earth work in Surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50 m and lift upto 1.5m excavated Surface complete as per specification Qty vide pg no. 21442/1 of this M.B.					1357.50 cum @ 219-42 Rs – 297863-00	
3-2.	Earth work excavation for foundation of buildings culverts, water supply, Sanitary lines & electrical conduits either in pits or in trenches 1.5m above						

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in width in Hard soil Not exceeding 1.5m in depth including dressing the bottom & sides of pits & trenches complete as per specifications. Qty vide pg no. 21743/2 of this M.B.					~~417.83~~ 442.93 @ 283.00 Rs. - 125357.00	
I-3.	Providing and laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ fine aggregate @ 0.57 cum maching mixed concrete laid in layers not exceeding 15cms thick well compacted foundation & plinth cost of all materials complete as per specifications Qty Vide pg no 21745/2 Of this M.B.	108.46 @ 1976.10 @				~~214.98~~ ~~1058.11~~ ~~4488.50.00~~ Rs. - 539773.00	

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-A	Providing and constructing granite/trap/basalt Size stone masonry in foundation cement mortar 1:6. Stone hammered dressed in courses not less than 20cms high bond stone at two m apart in each course including cost of ~~all~~ materials labour curing complete as per specifications. Qty vide pg no. 21746/1 Of this M.B.					117.98 cum @ 4058=44 Rs. - 478850.00	
I-5	providing and constructing granite/trap/basalt Size stone masonry in basement cement mortar 1:6 Stone hammered dressed in courses not less than 20cm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	high bond stones at two m apart in each course including cost of materials, labour complete as per Specification Qty vide pg no 21747 of this M.B.					92.02 92.60 cum @ 4814=52 Rs	443032 4458 25.00
I.b	providing and constructing granite / trap / basalt Size Stone Masonry in basement cement mortar 1:6. Stone hammered dressed in courses not less than 20cms high bond stones at two m apart in each course, including cost of material labour curing complete as per specifications.						
	Qty	1 × 30.0	× 0.40	× 0.60		= 7.20 cum	
		1 × 30.0	× 0.40	× 0.60		= 7.20 cum	
		1 × 30.0	× 0.40	× 0.60		= 7.20 cum	
		1 × 30.0	× 0.40	× 0.60		= 7.20 cum	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08 21755

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 × 30.0	× 0.60	× 0.40		= 7.20 cum	
		1 × 5.30	× 0.60	× 0.40		= 1.27 cum	
		1 × 17.70	× 0.60	× 0.40		= 4.25 cum	
		1 × 30.0	× 0.60	× 0.40		= 7.20 cum	
		1 × 30.0	× 0.60	× 0.40		= 7.20 cum	
		1 × 30.0	× 0.60	× 0.40		= 7.20 cum	
		1 × 10.50	× 0.60	× 0.40		= 2.52 cum	
		1 × 3.20	× 0.40	× 0.60		= 0.77 cum	
		1 × 9.40	× 0.40	× 0.60		= 2.26 cum	
		1 × 1.50	× 0.40	× 0.60		= 0.36 cum	

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 × 6.80	× 0.40	× 0.60	=	1.63 cum	
		1 × 24.3	× 0.40	× 0.60	=	5.83 cum	
		1 × 11.70	× 0.40	× 0.60	=	2.81 cum	
						79.50 w	
	For drain Rg Less						
	Pole concrete. (-)	139 × 0.40	× 0.40	× 0.40	=	(-) 8.90 cum	
						70.50 cum	
					@	5063-62	
					Rs	356 985-00	
J-7	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @ 220 kgs with 40 mm and down size graded granite metal coarse aggregates @ 0.892 cum & fine aggregates @ 0.465 cum machine mixed machine mixed concrete laid in layer not exceeding 15 cm, complete as per specifications.						
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08 21756

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	
		1 × 5.30	× 0.40	× 0.15	=	0.32 cum	
		1 × 17.70	× 0.40	× 0.15	=	1.06 cum	
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	
		1 × 30.0	× 0.40	× 0.15	=	1.80 cum	
		1 × 10.50	× 0.40	× 0.15	=	0.63 cum	
		1 × 3.20	× 0.40	× 0.15	=	0.19 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
J-10	Supplying and fixing M.S. Rectangular poles made out of 2 equal Angles of 65×65×6 mm welded together & fixed in CC 1:2:4 with 2 Nos 16mm dia M.S. hold fast rods each of length 25 cms including cost of all materials cutting bending scaffolding, wherever necessary nicely finishing the welded joints with all lead & lifts as per specifications including providing 2 coats of approved quality paint over one coat of shop painting.	139	× 2.45			= 340.55 Rt @ 973=08	
						Rs — 331382=00	
J-11	Providing and fixing M.S. block pipe of 38 mm of heavy gauge of 14 including removing the bends cutting the pipe and fixing pipe in between the existing two vertical poles and spot welding the chain link with M.S.						

27/9/16 CC Cyl 10/16

Executive Engineer
Asst. Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

21758

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	block pipe including cost of all materials hoisting & lifting, stand scaffolding wherever necessary with all lead & lift as directed by the Engineer incharge of work complete including two coats of approved quality paint over one coat of shop paint.	3 × 30.0				= 90.0 m	
		3 × 30.0				= 90.0 m	
		3 × 30.0				= 90.0 m	
		3 × 30.0				= 90.0 m	
		3 × 30.0				= 90.0 m	
		3 × 5.30				= 15.90 m	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	17.70			= 53.10 m	
		3	30.0			= 90.0 m	
		3	30.0			= 90.0 m	
		3	30.0			= 90.0 m	
		3	10.50			= 31.50 m	
		3	3.20			= 9.60 m	
		3	9.40			= 28.20 m	
		3	1.50			= 4.50 m	
		3	6.80			= 20.40 m	
		3	24.30			= 72.90 m	
		3	11.70			= 35.10 m	
						999.0	
						@ 331.78	
						Rs/- 331448.00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

21759

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
I-12	providing chain link fencing 50 mm size of 8 guge properly stretched between existing rectangular poles and fixed with suitable bolts & nuts the free ends shall be welded to the pole and block pipe at top & bottom as required including cost of all materials labour lead & lift complete as per specifications.	1	30.0		1.80	54.0 sqm	
		1	30.0		1.80	54.0 sqm	
		1	30.0		1.80	54.0 sqm	
		1	30.0		1.80	54.0 sqm	
		1	30.0		1.80	54.0 sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	6.0	0.90		= 5.40 Sqm	
						61.0 Sqm	
						@ 1600=00	
						Rs. 97600=00	
I-17	providing and applying Synthetic metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after clearing oil, grease, dirt and other foreign matter including cost of materials complete as per specification	522 Nos				= 509.60 Sqm	
						@ 83.74	
						Rs. 42673=00	
I-18	providing and fixing Pre cast Solid cement Concrete kerb Stones made out of C.C. 1:2:4 with top & bottom width 114 & 165mm respectively 1400mm high and 450mm in length finished with CM 1:3 plastering						

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Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike.

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Measurement Book

No. C/08

21763

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and finishing cutting including form work complete.	522 Nos				= 522.0 Nos	
						@ 320=76	
						Rs. 1674 37=00	
I-19	Disposal of debris to the final place of disposal with all lead & lifts and as direction by the engineer in charge of the work. complete as per specifications.						
	Qty vide items no (1) + (2)					1792.930 Cum	
						@ 81=73	
	Rate: N.K. dt: 27/9/16. Total Amount;					= 4545849=00	
	KRIDL 8% + 1%					= 409126=00	
						4954975=00	

4420651
397859
4818510

332.00
72.71
24139
1465444=00

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

MEASUREMENT BOOK

BR 06
24/10/16

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :- Certified that contractor has done the work satisfactory. 2) Certified that there is no due work from Contractor Side. 3) Certified that Contractor has removed all debris from work spot. Ravi. N.K. :. 27/9/16.						

29/9/16

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palika

Audited and admitted for Rs.....
Passed by Cheque for Rs.....
I.....
.....
by account.....
Accounts Superintendent
Exe. Engineer
Sub-Div. Dasarahalli Division

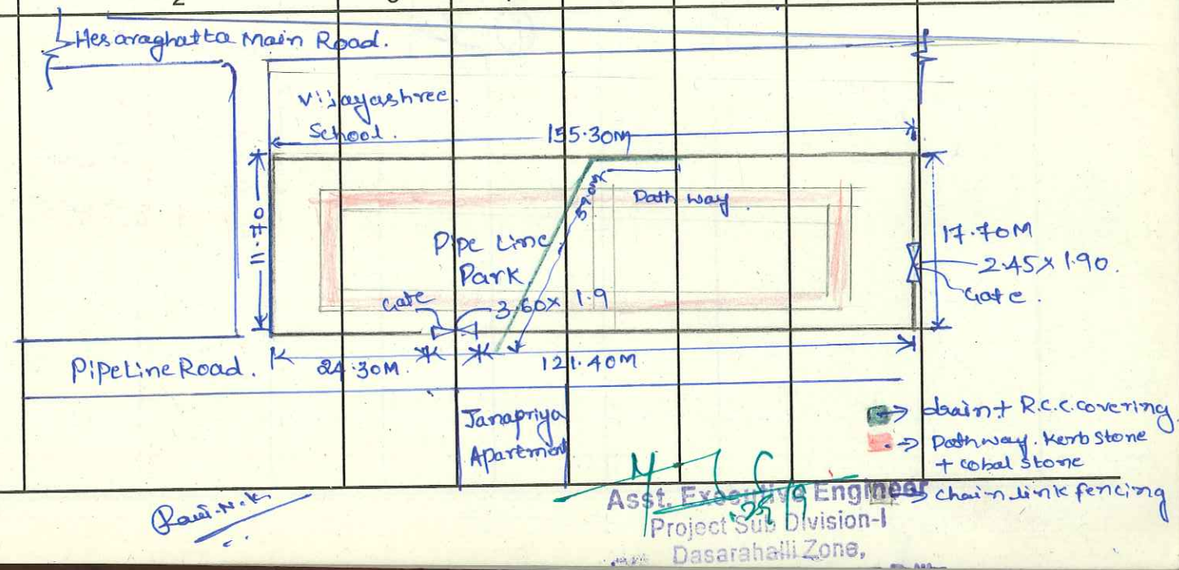
M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

217

Serial No. .....
Name of work ..... BR 06 24/10/16. From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Ravi. N.K.

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Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,

BR 06/24/10/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P- 0086						
	Audited and admitted for Rs.	4818510-				Gross 4818510-	
	Passed by Cheque for Rs.	4183885/- Forty one lakhs eighty three thousand eight hundred and eighty five only)				DF 96370-	
						RST 192740-	
	by accountant/clerk	Adj. 634625/-				LSD 240925	
						Cess 48185-	
	Accountant/Superintendent				Exe. Engineer	CBT 4820-	
						Rly 48185-	
						Fire 3400-	
						Ded 634625-	
						Net 4183885-	

Serial No. .....
Name of work
Name of Cont
Date of comm

Date	Full des
1	